

ADDENDUM NO. 2



PASSENGER BOARDING BRIDGES REPLACEMENT

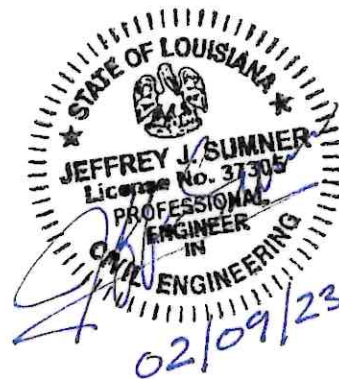
Prepared for:

**GREATER BATON ROUGE AIRPORT DISTRICT
BATON ROUGE METROPOLITAN AIRPORT
EAST BATON ROUGE PARISH**

Prepared by:

IE INFRASTRUCTURE
CONSULTING & ENGINEERING

4000 S. Sherwood Forest Blvd. Suite 301
Baton Rouge, LA 70816 www.ice-eng.com



ADDENDUM NO. TWO (2)

DATE ISSUED: 9TH FEBRUARY, 2023

BID DATE: 20TH FEBRUARY, 2023

BID TIME: 2:00 P.M. (Central Time)

This addendum shall be part of the Contract Documents as provided in the Instructions to Bidders.

The following items are issued to add to modify and clarify the Contract Documents. These items shall have full force and effect as the Contract Documents, and the costs involved shall be included in the Bid Prices.

Acknowledge receipt of the Addendum by inserting its number and date on Page I-13 of the Bid Documents. Failure to do so may subject the Bidder to disqualification.

SPECIFICATIONS & CONTRACT DOCUMENTS

DIVISION I

- A. **DELETE PAGE(S)** I-8 thru I-11 and
REPLACE WITH REVISED PAGES: **I-8 thru I-11**
Revised Instructions to Bidders
- B. **DELETE PAGE(S)** I-13 thru I-18 and
REPLACE WITH REVISED PAGES: **I-13 thru I-18e**
Revised Louisiana Uniform Public Work Bid Form & Unit Price Form(s)
- C. **PEN & INK CHANGE** - PAGE I-21 – PART I POLICY / COMPLIANCE (A)
CROSSOUT: twelve percent (12%)
REPLACE WITH: **eighteen percent (18%)**
Revised DBE contract goal
- D. **DELETE:** page 1-2 of Section 01010 Summary
REPLACE WITH: page 1-2 of Section 01010 Summary
Revised text that was strikethrough

TECHNICAL SPECIFICATIONS

- E. **DELETE:** page 1 of Section P-620
REPLACE WITH: page 1 of Section P-620
Revised Marking Payment Glass Bead Type
- F. **DELETE:** page 5 of Section P-620
REPLACE WITH: page 5 of Section P-620
Revised Marking Payment Markings
- G. **DELETE:** page 5 of Section 14950
REPLACE WITH: page(s) 5 of Section 14950
Removed Operational Contingency
- H. **DELETE:** page 25 of Section 14950
REPLACE WITH: page(s) 25 of Section 14950
Removed Design of foundations.
- I. **DELETE:** page 30 of Section 14950
REPLACE WITH: page(s) 30-32 of Section 14950
Revised Passenger Boarding Bridge Payment Items

PLANS

- J. **PEN & INK CHANGE** - SHEET C4.1 -Note 2
CROSSOUT Sentence of Note 2
No items shall be turned over to the owner for salvage.
- K. **PEN & INK CHANGE** - SHEET C4.1 -Note 3
CROSSOUT Entire Note 3

PROJECT INFORMATION

- L. **PRE-BID CONFERENCE MINUTES – SEE ATTACHED**
- M. **REQUESTS FOR INFORMATION – SEE ATTACHED**

INSTRUCTIONS TO BIDDERS

The Bidder shall agree to fully complete the contract within **270 consecutive calendar days, with an Additional 90 consecutive calendar days for the Additive Alternate**, subject to such extensions as may be granted in the General and Special Provisions and acknowledges that this construction time will start on or before the date specified in written "Notice to Proceed" from the Owner's Representative.

The Bidder shall agree to pay as Liquidated Damages the amount **Two Thousand Dollars (\$2,000)** for each consecutive calendar day for which the work is not complete, beginning with the first day beyond the contract completion date stated in the "Notice to Proceed" or as amended by change order.

The Bidder shall note that this is a 100% Unit Price Bid and that the Total Bid will equal the total sum of all Unit Price Extensions on the Louisiana Uniform Public Work Bid Form.

Electronically submitted Bids shall be submitted through **www.centralbidding.com** prior to 2:00 p.m. on the Bid Date. Hard copy proposal submitted shall be placed in a sealed envelope plainly marked with the project name and number, and name, business address, and Louisiana Contractor's License number of the bidder on the outside. When sent by mail, preferably registered, the sealed proposal, marked as indicated above, shall be enclosed in an additional envelope. No proposal will be considered unless received at the place specified in the advertisement before the time specified for opening of bids. Proposals received after the bid opening time shall be returned to the bidder unopened. The right is reserved to reject any and all bids and to waive informalities. Beginning at 2:00 p.m. on **February 20th, 2023**, all electronic Bids will be downloaded and read aloud along with paper Bids received, if any on the 8th Floor in Room 826, City Hall, 222 Saint Louis Street, Baton Rouge, LA 70802 immediately thereafter. Bidders or their authorized representatives are invited to be present.

Bids, amendments to Bids, or request for withdrawal of Bids, received after the time specified for Bid Opening shall not be considered for any cause whatsoever.

Bidders should be aware that award of this contract is contingent upon receipt of a grant or grants from the Federal Aviation Administration (FAA) and the State of Louisiana Department of Transportation and Development - Office of Aviation (DOTD), along with the securing of other required approvals. Project numbers will assigned upon approval by the FAA.

Bids shall be firm for a period of sixty (60) days from the date of the opening of Bids and no Bid shall be withdrawn for any reason during this period of time except as allowed per La. R.S. 38:2214.C.

Electronic copies of the Contract Documents may be obtained online at **www.centralbidding.com**.

BID DOCUMENTS: The Instructions to Bidders, Bid Form, Contract, Plans, Specifications, and Forms of Bid Bond, Performance Bond and Payment Bond, and other bidding documents for the project may be viewed and downloaded free of charge (with the option to purchase hard copies) at **www.centralbidding.com**. Addenda will be posted at **www.centralbidding.com**. You will be notified of addenda automatically, through email, if you downloaded your plans and specifications via **www.centralbidding.com**. Additionally, PDF version of the Bidding Documents may be obtained by emailing the Project Engineer's Office, Corky.Pleasant@ice-eng.com. Please submit questions for the project by **February 10th, 2023** at 5:00pm CT through **www.centralbidding.com** in the Q&A portal. A hard copy set may be examined at the office of the Engineer for the contract; Infrastructure Consulting & Engineering, PLLC - 4000 South Sherwood Blvd., Suite 301 Baton Rouge, LA 70816.

Each Bid shall be accompanied by a certified check, cashier's check, or Bid bond in an amount equal to five percent (5%) of Bid and shall be made payable to the City of Baton Rouge and Parish of East Baton Rouge in accordance with La. R.S. 38:2218.

Bidders shall include the following documents as part of their Bid submitted on the Bid Date, to be submitted only through **www.centralbidding.com** in or via hand delivery:

- a. Fully executed Bid Form
- b. Corporate Resolution
- c. Bid security/Bid Bond (Bidder responsible for compliance with La. R.S. 38:2212)

The following documents shall be furnished by the two (2) apparent lowest bidders, no later than three (3) days after the bid opening. The three (3) day period shall not be altered or waived. All other bidders shall be prepared to submit the following documents, if

necessary, in accordance with LA. RS. 38:2212 (B)(3)(a). All bidders shall fully complete and submit all bid forms required by statute or by Louisiana Administrative Code to the Purchasing Department. Failure of a bidder to fully complete and submit these forms in accordance with instructions noted above shall result in the bid being declared "non-responsive". These documents shall be received by the City of Baton Rouge and Parish of East Baton Rouge Purchasing Division on the 8th Floor in Room 826 of the City Hall Building. The forms to be submitted are as follows:

1. DBE Schedule A Contract Participation and DBE Commitment
2. DBE Schedule B Required Participation Questionnaire
3. DBE Certification Letters
4. DBE Schedule C Certification and Documentation of DBE Unavailability
5. Bidders Organization Form
6. Certification of Restrictions on Lobbying
7. Certification of Non-segregated Facilities
8. Certification of Bidder Regarding Equal Employment
9. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion
10. Certification Regarding Foreign Trade Restrictions
11. Buy American Certification
12. Certification of Non-Discrimination
13. Non-Collusion Affidavit
14. Attestation Regarding Past Criminal Convictions
15. E-Verify Affidavit
16. Affidavit

All persons or entities bidding or receiving bids or sub-bids in connection with this project shall comply with all provisions of the State Licensing Law for Contractors, La. R.S. 37:2150-2163, as amended. Bidders shall hold an active license issued by the Louisiana State Licensing Board for Contractors in the classification of: HIGHWAY, STREET AND BRIDGE CONSTRUCTION or an approved equal Commercial Specialty Classification.

Any Bidder in doubt as to the accuracy, completeness, meaning or interpretation of any part of the Contract Documents shall submit to the Project Engineer a written request for an interpretation thereof no later than **5:00 PM CST February 10th, 2023**. Submittal of questions may be made through www.centralbidding.com in the Q&A portal or by email to Corky.Pleasant@ice-eng.com. Interpretation of the Contract Documents will be made only by written addenda issued before bidding in accordance with Louisiana State law. Bidders shall not rely upon any interpretation of the Contract Documents pre-bid not issued by written addenda. Bidders shall not take advantage of any discrepancy, error or omission in the Contract Documents of which Bidder was aware or should have reasonably been aware prior to bidding. Failure to submit a written request for an interpretation when the bidder aware or should have been aware of any such discrepancy, error or omission in the Contract Documents shall serve as grounds for rejecting any later request for change to the Contract Sum or Contract Time.

Sales and/or Use Taxes: Bidders shall include in their bids all sales and/or use taxes on materials, supplies and equipment to be furnished for use on the project. Further, by submitting a Bid, Bidder agrees that all such sales and/or use taxes will be remitted to the proper taxing authorities, subject to audit. All Bidders shall be bound by and comply with the EAST BATON ROUGE PARISH SALES AND USE TAX RULES AND REGULATIONS, as amended (<http://brgov.com/dept/finance/pdf/rules®s.pdf>).

A performance and payment bond, in the amount of 100 percent of the Contract Sum, with a corporate surety approved by the Owner, will be required from the successful bidder for the faithful performance of the contract.

Louisiana law shall govern and control in the interpretation and enforcement of the Contract Document and Bonds.

By submitting any Bid, the Bidder and its Surety agree, to the fullest extent permitted by law, to exclusive jurisdiction and venue for any litigation in the Nineteenth Judicial District Court of the Parish of East Baton Rouge, Louisiana. Note that administrative remedies for disqualification and protests are provided below.

All bonds shall be issued by an insurance company with a rating of A-, Class VI, or better as rated by Best's Key Rating Guide, and shall comply with all statutory requirements of the State of Louisiana.

If bid bond is used, it shall be written by a surety or insurance company currently on the U.S. Department of the Treasury Financial Management Service list of approved bonding companies which is published annually in the Federal Register, or by a Louisiana

domiciled insurance company with at least an A- rating in the latest printing of the A.M. Best's Key Rating Guide to write individual bonds up to ten percent of policyholders' surplus as shown in the A.M. Best's Key Rating Guide or by an insurance company in good standing licensed to write bid bonds which is either domiciled in Louisiana or owned by Louisiana residents.

The Bidder to whom the contract is being awarded will be required to execute the Agreement and obtain the performance and payment bond, and insurance certificates within fifteen (15) calendar days from the date when Notice Of Award is issued by the Owner or Program Manager. The necessary documents will accompany the Notice Of Award.

The Owner or Program Manager will conduct a Pre-Assembly Conference within 30 days of the execution of the Contract. Should there be reasons why the Notice To Proceed cannot be issued within 30 days of the Pre-Assembly Conference, the time may be extended by mutual agreement between the Owner and Contractor.

A conditional or qualified bid will not be accepted.

All applicable laws, ordinances, and the rules and regulations of all authorities having jurisdiction over construction of the project shall apply to the Contract throughout. All requirements set forth in the Contract Documents shall be considered as Primarily Contractual in nature whether or not required by any law, statute or regulation.

If required in the Contract Documents, minimum wage rates for the construction of the proposed Work have been established by the Secretary of Labor, and a schedule of labor classifications and wage rates to be paid are included in the contract document and will be a part of the contract.

By submitting a bid, Bidder agrees and stipulates that the Owner may, at its sole option, cancel the entire solicitation or the award of the contract for this project at any time before execution of the contract for this project, and Bidder shall have no claim for any damages of any kind against Owner, Program Manager or Architect arising from or connected with such cancellation.

Owner shall have the right to inspect, audit and copy any portion of the Contractor's project file including, but not limited to, all pre-bid estimates and working papers, all financial records relating to the project, full certified copies of all insurance policies, complete copies of all subcontracts, complete copies of all purchase orders or other agreements regarding the project, within five (5) days after issuance of a written request from the Owner or Program Manager. Contractor shall maintain intact the entirety of the project file for a minimum of five (5) years from commencement of the Work.

Disqualification Procedure

If, after Bid opening and prior to the award, the Owner should elect to disqualify any bidder, a recommendation to that effect will be made to the Metropolitan Council. The Bidder will be provided written notice of the proposed disqualification, which shall include all reasons for the proposed disqualification, the date, time and location for the Metropolitan Council meeting, at which meeting, the bidder shall have opportunity to rebut the reasons for the proposed disqualification. Bidder stipulates and agrees that the foregoing shall satisfy any and all due process requirements under Louisiana Public Bid Law.

By submitting a bid, Bidder stipulates and agrees that any Bidder may be disqualified for any of the following non-exclusive reasons, or any other reasonable doubt as to the ability of a Bidder to perform the Work in strict accordance with the Contract Documents, or to complete the Project within the Contract Time and for the Contract Sum:

- A. Bidder or their proposed surety is in default or either has been terminated from a previous City-Parish Contract, or has failed to execute a previous City-Parish Contract after award.
- B. Bidder has been disqualified or debarred by any governmental entity in connection with any contract.
- C. An owner, member or officer of the bidding entity is an owner, member or officer of an entity which has been declared by the City-Parish, or any other governmental entity, to be ineligible to bid in connection with any contract.
- D. There is evidence that Bidder has been involved in collusion, price setting or bid shopping among bidders or sub-bidders.
- E. Failure of the bidder to pay, or satisfactorily settle, all outstanding bills or liens due for labor and materials on previous construction contracts.
- F. Bidder has a demonstrated history of litigious conduct involving construction contracts.
- G. Bidder has a demonstrated history of failing to complete construction work on time or within 10% of the original contract amount.

The Owner shall have the right to take any action deemed necessary to determine the responsibility of Bidders or ability of the Bidder to perform the Work, and the Owner shall have the right to reject and Bid or disqualify any Bidder deemed to be non-responsible or

unqualified. Upon request of the Program Manager, a Bidder whose bid is under consideration for award of a contract shall submit evidence, satisfactory to the Owner, of the Bidder's financial resources, construction experience and organization available for performance of the Work, in addition to the information contained in AIA Document A305, Contractor's Qualification Statement. Audited financial statements for the three (3) years prior to bidding this Project may be required and shall be submitted by the Bidder to the Program Manager within five (5) days after written request by the Program Manager.

By submitting a Bid, Bidder agrees to abide by the above Disqualification Procedure which shall be a condition precedent to any other proceedings or actions in connection with disqualification. Bidder stipulates and agrees that the Disqualification Procedure set forth herein shall be deemed and considered as the administrative remedy available to the disqualified bidder who is dissatisfied, and any appeal shall be filed within five (5) days of the informal hearing identifies hereinabove, and Bidders stipulate and agree, to the fullest extent permitted by law, that the Nineteenth Judicial District Court for the Parish of East Baton Rouge shall have exclusive venue over any litigation brought in connection with any disqualification or proposed disqualification. All Bidders further stipulate and voluntarily concede that the appropriate standard of review by any court of a decision to disqualify a bidder shall be abuse of discretion.

Protest Procedure

Any and all disputes or claims of any nature or kind arising from or in any way connected with the bidding process, Bidding Documents, award or proposed award of the contract (except for disqualification which shall be governed by the Disqualification Procedure set forth above), shall be resolved utilizing the procedure set forth below:

- Any Bidder or other interested party with direct financial interest adversely affected by an action, decision or determination by the City-Parish may file a protest.
- A protest shall (1) be in writing; (2) specifically state each and every fact, with supporting documentation, and all legal grounds in support of the protest and the relief requested; and (3) be received by the Purchasing Director prior to bidding if the protest relates to a pre-bid matter, or within 3 calendar days from the date the basis of the protest was, or should have been known by the Bidder or was available to be known through review of public records.
- The City-Parish will take action on protests within 45 days of the receipt thereof. The City-Parish may, at its sole option, suspend or cancel the procurement, in whole or in part, upon receipt of a procedurally adequate and timely protest at the City-Parish's discretion.

Failure to timely submit a protest to the City Parish as set forth above shall serve as a voluntary and knowing forfeiture of any and all right to contest the matter which shall then become final and binding, and not subject to further review. By submitting a Bid, Bidder agrees to abide by the Protest Procedure which shall be a condition precedent to any other proceedings and shall be deemed and considered as the administrative remedy available, and any appeal shall be filed in the Nineteenth Judicial District Court for the Parish of East Baton Rouge which court shall have exclusive venue over any such action.

LOUISIANA UNIFORM PUBLIC WORK BID FORM

TO: City of Baton Rouge and Parish of
East Baton Rouge Purchasing Division
Room 826 City Hall
222 Saint Louis Street
Baton Rouge, LA 70802
(Owner to provide name and address of owner)

BID FOR: Passenger Boarding Bridges Replacement
Baton Rouge Metropolitan Airport

(Owner to provide name of project and other identifying information)

The undersigned bidder hereby declares and represents that she/he; a) has carefully examined and understands the Bidding Documents, b) has not received, relied on, or based his bid on any verbal instructions contrary to the Bidding Documents or any addenda, c) has personally inspected and is familiar with the project site, and hereby proposes to provide all labor, materials, tools, appliances and facilities as required to perform, in a workmanlike manner, all work and services for the construction and completion of the referenced project, all in strict accordance with the Bidding Documents prepared by: **Infrastructure Consulting & Engineering, PLLC**, and dated: **January 18, 2023**.
(Owner to provide name of entity preparing bidding documents.)

Bidders must acknowledge all addenda. The Bidder acknowledges receipt of the following **ADDENDA**: (Enter the number the Designer has assigned to each of the addenda that the Bidder is acknowledging) _____.

TOTAL BASE BID: For all work required by the Bidding Documents (including any and all unit prices designated "Base Bid" * but not alternates) the sum of:

_____ Dollars (\$ _____)

ALTERNATES: For any and all work required by the Bidding Documents for Alternates including any and all unit prices designated as Alternates in the unit price description.

Alternate No. 1 (ADDITIVE – *Passenger Boarding Bridge No. A4*) for the lump sum of:

_____ Dollars (\$ _____)

Alternate No. 2 (ADDITIVE – *Passenger Boarding Bridge No. A3*) for the lump sum of:

_____ Dollars (\$ _____)

Alternate No. 3 (ADDITIVE – *Passenger Boarding Bridge No. B1*) for the lump sum of:

_____ Dollars (\$ _____)

NAME OF BIDDER: _____

ADDRESS OF BIDDER: _____

LOUISIANA CONTRACTOR'S LICENSE NUMBER: _____

NAME OF AUTHORIZED SIGNATORY OF BIDDER: _____

TITLE OF AUTHORIZED SIGNATORY OF BIDDER: _____

SIGNATURE OF AUTHORIZED SIGNATORY OF BIDDER **: _____

DATE: _____

THE FOLLOWING ITEMS ARE TO BE INCLUDED WITH THE SUBMISSION OF THIS LOUISIANA UNIFORM PUBLIC WORK BID FORM:

* The Unit Price Form shall be used if the contract includes unit prices. Otherwise it is not required and need not be included with the form. The number of unit prices that may be included is not limited and additional sheets may be included if needed.

** A CORPORATE RESOLUTION OR WRITTEN EVIDENCE of the authority of the person signing the bid for the public work as prescribed by LA. R.S. 38:2212(B)5.

BID SECURITY in the form of a bid bond, certified check or cashier's check as prescribed by LA RS 38:2218.A is attached to and made a part of this bid.

LOUISIANA UNIFORM PUBLIC WORK BID FORM

UNIT PRICE FORM

**TO: City of Baton Rouge and Parish of East
Baton Rouge Purchasing Division**

**BID FOR: Passenger Boarding Bridges Replacement
Baton Rouge Metropolitan Airport**

Room 826 City Hall

FAA AIP No. 3-22-0006-125-2023

222 Saint Louis Street, Baton Rouge, LA 70802

LaDOTD Project No. H.015241

(Owner to provide name and address of owner)

(Owner to provide name of project and other identifying)

UNIT PRICES: This form shall be used for any and all work required by the Bidding Documents and described as unit prices. Amounts shall be stated in figures and only in figures.

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# —	Mobilization		
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
C-105	1	LS		
DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# —	Layout Survey and As-Builts		
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
02000-1	1	LS		
DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# —	Demolition Of Gates "A1,A2 and B2" Passenger Boarding Bridges, Including Rotunda.		
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
14950-13	3	EA		
DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# —	Furnish And Install Apron Drive Passenger Boarding Bridge At Gate "B2". Capable of 66' retracted and 99' extended. Price Includes All Materials, Equipment Including CE CAB Floor, Rotunda Column and Labor for a Fully Functional Bridge, Sub-Contractor Field Work.		
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
14950-1	1	LS		
DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# —	Furnish And Install Apron Drive Passenger Boarding Bridge At Gates "A2". Capable of 86' retracted and 120' extended. Price Includes All Materials, Equipment Including CE CAB Floor, Rotunda Column and Labor for a Fully Functional Bridge, Sub-Contractor Field Work.		
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
14950-2	1	LS		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt # — Furnish And Install Apron Drive Passenger Boarding Bridge At Gates "A1" . Capable of 76' retracted and 108' extended. Price Includes All Materials, Equipment Including CE CAB Floor, Rotunda Column and Labor for a Fully Functional Bridge, Sub-Contractor Field Work			UNIT PRICE EXTENSION (Quantity times Unit Price)
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	
14950-3	1	LS		
DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt # — New Bridge Roof Mounted Back-Lit 3 Sided Sign At Gates "A1, A2 & B2"			UNIT PRICE EXTENSION (Quantity times Unit Price)
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	
14950-7	3	EA		
DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt # — Electrical Improvements per E-Sheets (for three new bridges)			UNIT PRICE EXTENSION (Quantity times Unit Price)
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	
14950-8	3	EA		
DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt # — 90 KVA 28 VDC/400 HZ Ground Power Unit for New Bridge			UNIT PRICE EXTENSION (Quantity times Unit Price)
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	
14950-9	3	EA		
DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt # — 40-Ton Pre-Conditioned Air Unit for New Bridge			UNIT PRICE EXTENSION (Quantity times Unit Price)
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	
14950-10	3	EA		
DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt # — Baggage Conveyor System for New Bridge			UNIT PRICE EXTENSION (Quantity times Unit Price)
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	
14950-11	3	EA		
DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt # — Hurricane Tie Downs (Two for Each Bridge) - 6 Pairs			UNIT PRICE EXTENSION (Quantity times Unit Price)
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	
14950-12	6	EA		
DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt # — Existing Pavement Marking Removal			UNIT PRICE EXTENSION (Quantity times Unit Price)
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	
S-142	9,400	SF		

■ Base Bid or <input type="checkbox"/> Alt # — New Reflective Pavement Marking w/ Type III Beads (Yellow)			
DESCRIPTION:	REF. NO.	QUANTITY:	UNIT PRICE EXTENSION (Quantity times Unit Price)
	P-620-1	4,480 SF	
■ Base Bid or <input type="checkbox"/> Alt # — New Reflective Pavement Marking w/ Type III Beads (White)			
DESCRIPTION:	REF. NO.	QUANTITY:	UNIT PRICE EXTENSION (Quantity times Unit Price)
	P-620-2	6,930 SF	
■ Base Bid or <input type="checkbox"/> Alt # — New Reflective Pavement Marking w/ Type I Beads (Red)			
DESCRIPTION:	REF. NO.	QUANTITY:	UNIT PRICE EXTENSION (Quantity times Unit Price)
	P-620-3	1,785 SF	
■ Base Bid or <input type="checkbox"/> Alt # — New Non-Reflective Pavement Marking (Black)			
DESCRIPTION:	REF. NO.	QUANTITY:	UNIT PRICE EXTENSION (Quantity times Unit Price)
	P-620-4	10,000 SF	
■ Base Bid or <input type="checkbox"/> Alt # — New Non-Reflective Pavement Marking (Black)			
DESCRIPTION:	REF. NO.	QUANTITY:	UNIT PRICE EXTENSION (Quantity times Unit Price)
	P-620-4	10,000 SF	

Wording for "DESCRIPTION" is to be provided by the Owner.

All quantities are estimated. The contractor will be paid based upon actual quantities as verified by the Owner

LOUISIANA UNIFORM PUBLIC WORK BID FORM

UNIT PRICE FORM

**TO: City of Baton Rouge and Parish of East
Baton Rouge Purchasing Division**

**BID FOR: Passenger Boarding Bridges Replacement
Baton Rouge Metropolitan Airport**

Room 826 City Hall

FAA AIP No. 3-22-0006-125-2023

222 Saint Louis Street, Baton Rouge, LA 70802

LaDOTD Project No. H.015241

(Owner to provide name and address of owner)

(Owner to provide name of project and other identifying)

UNIT PRICES: This form shall be used for any and all work required by the Bidding Documents and described as unit prices. Amounts shall be stated in figures and only in figures.

DESCRIPTION:	<input type="checkbox"/> Base Bid or <input checked="" type="checkbox"/> Alt.# <u>1</u>	Mobilization	
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE
C-105	1	LS	UNIT PRICE EXTENSION (Quantity times Unit Price)
DESCRIPTION:	<input type="checkbox"/> Base Bid or <input checked="" type="checkbox"/> Alt.# <u>1</u>	Layout Survey and As-Builts	
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE
02000-1	1	LS	UNIT PRICE EXTENSION (Quantity times Unit Price)
DESCRIPTION:	<input type="checkbox"/> Base Bid or <input checked="" type="checkbox"/> Alt.# <u>1</u>	Demolition Of Gate "A4" Passenger Boarding Bridges, Including Rotunda.	
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE
14950-14	1	EA	UNIT PRICE EXTENSION (Quantity times Unit Price)
DESCRIPTION:	<input type="checkbox"/> Base Bid or <input checked="" type="checkbox"/> Alt.# <u>1</u>	Furnish And Install Apron Drive Passenger Boarding Bridge At Gates "A4" . Capable of 56' retracted and 99' extended. Price Includes All Materials, Equipment Including CE CAB Floor, Rotunda Column and Labor for a Fully Functional Bridge, Sub-Contractor Field Work.	
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE
14950-4	1	LS	UNIT PRICE EXTENSION (Quantity times Unit Price)
DESCRIPTION:	<input type="checkbox"/> Base Bid or <input checked="" type="checkbox"/> Alt.# <u>1</u>	New Bridge Roof Mounted Back-Lit 3 Sided Sign At Gates "A4"	
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE
14950-7	1	EA	UNIT PRICE EXTENSION (Quantity times Unit Price)

DESCRIPTION:	<input type="checkbox"/> Base Bid or <input checked="" type="checkbox"/> Alt# <u>1</u>	Electrical Improvements per E-Sheets		
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
14950-8	1	EA		
DESCRIPTION:	<input type="checkbox"/> Base Bid or <input checked="" type="checkbox"/> Alt# <u>1</u>	90 KVA 28 VDC/400 HZ Ground Power Unit for New Bridge		
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
14950-9	1	EA		
DESCRIPTION:	<input type="checkbox"/> Base Bid or <input checked="" type="checkbox"/> Alt# <u>1</u>	40-Ton Pre-Conditioned Air Unit for New Bridge		
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
14950-10	1	EA		
DESCRIPTION:	<input type="checkbox"/> Base Bid or <input checked="" type="checkbox"/> Alt# <u>1</u>	Baggage Conveyor System for New Bridge		
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
14950-11	1	EA		
DESCRIPTION:	<input type="checkbox"/> Base Bid or <input checked="" type="checkbox"/> Alt# <u>1</u>	Hurricane Tie Downs (Two for Each Bridge)		
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
14950-12	2	EA		

Wording for "DESCRIPTION" is to be provided by the Owner.

All quantities are estimated. The contractor will be paid based upon actual quantities as verified by the Owner

LOUISIANA UNIFORM PUBLIC WORK BID FORM

UNIT PRICE FORM

TO: City of Baton Rouge and Parish of East
Baton Rouge Purchasing Division

BID FOR: Passenger Boarding Bridges Replacement
Baton Rouge Metropolitan Airport

Room 826 City Hall

FAA AIP No. 3-22-0006-125-2023

222 Saint Louis Street, Baton Rouge, LA 70802

LaDOTD Project No. H.015241

(Owner to provide name and address of owner)

(Owner to provide name of project and other identifying)

UNIT PRICES: This form shall be used for any and all work required by the Bidding Documents and described as unit prices. Amounts shall be stated in figures and only in figures.

DESCRIPTION:	<input type="checkbox"/> Base Bid or <input checked="" type="checkbox"/> Alt# <u>2</u>	Mobilization	
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE
C-105	1	LS	UNIT PRICE EXTENSION (Quantity times Unit Price)
DESCRIPTION:	<input type="checkbox"/> Base Bid or <input checked="" type="checkbox"/> Alt# <u>2</u>	Layout Survey and As-Builts	
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE
02000-1	1	LS	UNIT PRICE EXTENSION (Quantity times Unit Price)
DESCRIPTION:	<input type="checkbox"/> Base Bid or <input checked="" type="checkbox"/> Alt# <u>2</u>	Demolition Of Gate "A3" Passenger Boarding Bridges, Including Rotunda.	
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE
14950-15	1	EA	UNIT PRICE EXTENSION (Quantity times Unit Price)
DESCRIPTION:	<input type="checkbox"/> Base Bid or <input checked="" type="checkbox"/> Alt# <u>2</u>	Furnish And Install Apron Drive Passenger Boarding Bridge At Gate "A3" . Capable of 81' retracted and 99' extended. Price Includes All Materials, Equipment Including CE CAB Floor, Rotunda Column and Labor for a Fully Functional Bridge, Sub-Contractor Field Work.	
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE
14950-5	1	LS	UNIT PRICE EXTENSION (Quantity times Unit Price)
DESCRIPTION:	<input type="checkbox"/> Base Bid or <input checked="" type="checkbox"/> Alt# <u>2</u>	New Bridge Roof Mounted Back-Lit 3 Sided Sign At Gates "A3"	
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE
14950-7	1	EA	UNIT PRICE EXTENSION (Quantity times Unit Price)

DESCRIPTION:	<input type="checkbox"/> Base Bid or <input checked="" type="checkbox"/> Alt.# _2_	Electrical Improvements per E-Sheets		
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
14950-8	1	EA		
DESCRIPTION:	<input type="checkbox"/> Base Bid or <input checked="" type="checkbox"/> Alt.# _2_	90 KVA 28 VDC/400 HZ Ground Power Unit for New Bridge		
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
14950-9	1	EA		
DESCRIPTION:	<input type="checkbox"/> Base Bid or <input checked="" type="checkbox"/> Alt.# _2_	40-Ton Pre-Conditioned Air Unit for New Bridge		
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
14950-10	1	EA		
DESCRIPTION:	<input type="checkbox"/> Base Bid or <input checked="" type="checkbox"/> Alt.# _2_	Baggage Conveyor System for New Bridge		
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
14950-11	1	EA		
DESCRIPTION:	<input type="checkbox"/> Base Bid or <input checked="" type="checkbox"/> Alt.# _2_	Hurricane Tie Downs (Two for Each Bridge)		
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
14950-12	2	EA		

Wording for "DESCRIPTION" is to be provided by the Owner.

All quantities are estimated. The contractor will be paid based upon actual quantities as verified by the Owner

LOUISIANA UNIFORM PUBLIC WORK BID FORM

UNIT PRICE FORM

TO: City of Baton Rouge and Parish of East
Baton Rouge Purchasing Division
Room 826 City Hall

BID FOR: Passenger Boarding Bridges Replacement
Baton Rouge Metropolitan Airport

Room 826 City Hall

FAA AIP No. 3-22-0006-125-2023

222 Saint Louis Street, Baton Rouge, LA 70802

LaDOTD Project No. H.015241

(Owner to provide name and address of owner)

(Owner to provide name of project and other identifying)

UNIT PRICES: This form shall be used for any and all work required by the Bidding Documents and described as unit prices. Amounts shall be stated in figures and only in figures.

DESCRIPTION:	<input type="checkbox"/> Base Bid or <input checked="" type="checkbox"/> Alt.# <u>3</u>	Mobilization	
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE
C-105	1	LS	UNIT PRICE EXTENSION (Quantity times Unit Price)
DESCRIPTION:	<input type="checkbox"/> Base Bid or <input checked="" type="checkbox"/> Alt.# <u>3</u>	Layout Survey and As-Builts	
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE
02000-1	1	LS	UNIT PRICE EXTENSION (Quantity times Unit Price)
DESCRIPTION:	<input type="checkbox"/> Base Bid or <input checked="" type="checkbox"/> Alt.# <u>3</u>	Demolition Of Gate "B1" Passenger Boarding Bridges, Including Rotunda.	
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE
14950-16	1	EA	UNIT PRICE EXTENSION (Quantity times Unit Price)
DESCRIPTION:	<input type="checkbox"/> Base Bid or <input checked="" type="checkbox"/> Alt.# <u>3</u>	Furnish And Install Apron Drive Passenger Boarding Bridge At Gates "B1". Capable of 81' retracted and 99' extended. Price Includes All Materials, Equipment Including CE CAB Floor, Rotunda Column and Labor for a Fully Functional Bridge, Sub-Contractor Field Work	
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE
14950-6	1	LS	UNIT PRICE EXTENSION (Quantity times Unit Price)
DESCRIPTION:	<input type="checkbox"/> Base Bid or <input checked="" type="checkbox"/> Alt.# <u>3</u>	New Bridge Roof Mounted Back-Lit 3 Sided Sign At Gates "B1"	
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE
14950-7	1	EA	UNIT PRICE EXTENSION (Quantity times Unit Price)

DESCRIPTION:	<input type="checkbox"/> Base Bid or <input checked="" type="checkbox"/> Alt.# _3_	Electrical Improvements per E-Sheets		
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
14950-8	1	EA		
DESCRIPTION:	<input type="checkbox"/> Base Bid or <input checked="" type="checkbox"/> Alt.# _3_	90 KVA 28 VDC/400 HZ Ground Power Unit for New Bridge		
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
14950-9	1	EA		
DESCRIPTION:	<input type="checkbox"/> Base Bid or <input checked="" type="checkbox"/> Alt.# _3_	40-Ton Pre-Conditioned Air Unit for New Bridge		
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
14950-10	1	EA		
DESCRIPTION:	<input type="checkbox"/> Base Bid or <input checked="" type="checkbox"/> Alt.# _3_	Baggage Conveyor System for New Bridge		
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
14950-11	1	EA		
DESCRIPTION:	<input type="checkbox"/> Base Bid or <input checked="" type="checkbox"/> Alt.# _3_	Hurricane Tie Downs (Two for Each Bridge)		
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
14950-12	2	EA		

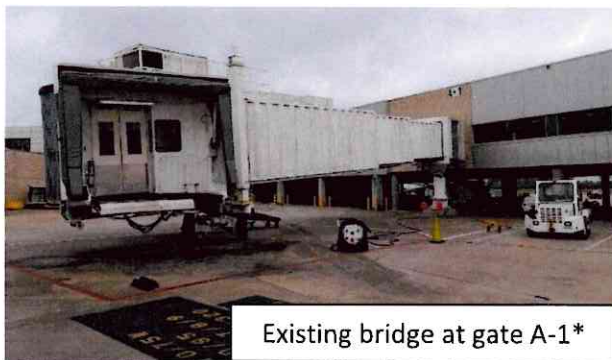
Wording for "DESCRIPTION" is to be provided by the Owner.

All quantities are estimated. The contractor will be paid based upon actual quantities as verified by the Owner

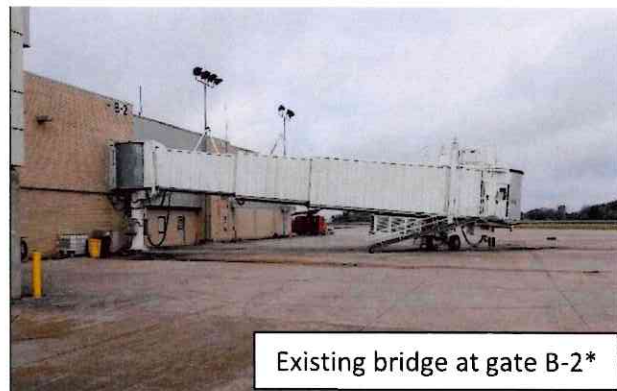
SECTION 01010 SUMMARY OF WORK

PART 1 - GENERAL

OVERVIEW: This Passenger Boarding Bridges Replacement project consists of the base bid and additive bid. The base bid consists of the acquisition and Installation of three (3) New Passenger Boarding Bridges (PBB) and the removal of existing bridges at gates A-1, A-2 and B2 including all associated electrical improvements for new bridges and entire apron markings at all gates, and the additive bid includes the acquisition and Installation of three (3) New Passenger Boarding Bridges (PBB) and the removal of all existing boarding bridges at gates B-1, A-3, and A-4, including all associated electrical improvements.



For both base and additive bids, the work associated with the acquisition and Installation of the Passenger Loading Bridges includes the installation of new PBB's and provisions for ground power, pre-conditioned air (PCA) units, baggage conveyor systems, Hurricane Tie-Downs, and roof mounted back-lit 3-sided gate signs. The bridge structure will consist of a rotating rotunda, telescoping bridge tunnel section, a cab with full controls for moving the bridge into position, vertical and horizontal drive system, manned access door within the cab, solid core tires, Airport selected accessories, and provisions to mark or re-mark the apron for the new parking position. The performance requirements of the bridge are identified in Section 14950 – Passenger Boarding Bridges and on the plans. The bridge height must be able go as low as the ERJ135 with a door sill height of 4'-10" up to a height of 13'-7" for the Boeing-767-300. Existing electrical supply for current bridges shall be improved per electrical plans to support New Bridges. Each bridge will require new column support anchored to the existing foundation. ~~Existing PBB's foundation and anchor bolt design shall be checked by the contractor's structural engineer licensed in the State of Louisiana to be suitable and have sufficient design strength for all New Passenger Boarding Bridges.~~



The apron will be remarked as indicated on the plans to account for a new layout of all positions, including all gates, taxiway centerline, taxiway apron and edge lines and vehicular service road as part of the

base bid. Ground power (28VDC and 400hz) are required for the aircraft. PBB's shall be supplied with 40 Tons air conditioning capable of cooling all tunnel lengths for a typical summer day. A mechanical conveyor method of moving late bags and wheelchairs up and down the exterior of the bridge to the cab service door and landing shall be included.

Existing Passenger Boarding Bridges at Gates B-1, A-3, and A4 (Additive Bid)



* Refer to Plans for Existing Bridge Model Numbers (Base Bid)

**Refer to Plans for Existing Bridge Model Numbers (Additive Bid)

1.1 Bridge Mounted PCA system:

The PCA system shall be 40 nominal ton (min.) unit.

Bridge Mounted PCA system shall operate on 480 volts, 3 phase, 60 Hz power supplied to PBB.

The PCA system shall include appropriate hardware for bridge mounting. The unit shall have structural supports for forklifting and attachments for an overhead-lifting device.

The bridge manufacturer shall provide the structural, electrical, and mechanical design for all components of the project, including checking the concrete foundations for column supports.

1.2 RELATED DOCUMENTS: Contract Drawings and Specifications apply to work of this section. ~~Existing PBB's foundation and anchor bolt design shall be checked by the contractor's structural engineer licensed in the State of Louisiana to be suitable for all New Passenger Boarding Bridges.~~

Item P-620 Runway and Taxiway Marking

DESCRIPTION

620-1.1 This item shall consist of the preparation and painting of numbers, markings, and stripes on the surface of runways, taxiways, and aprons, in accordance with these specifications and at the locations shown on the plans, or as directed by the Resident Project Representative (RPR). The terms “paint” and “marking material” as well as “painting” and “application of markings” are interchangeable throughout this specification.

MATERIALS

620-2.1 Materials acceptance. The Contractor shall furnish manufacturer’s certified test reports, for materials shipped to the project. The certified test reports shall include a statement that the materials meet the specification requirements. This certification along with a copy of the paint manufacturer’s surface preparation; marking materials, including adhesion, flow promoting and/or floatation additive; and application requirements must be submitted and approved by the Resident Project Representative (RPR) prior to the initial application of markings. The reports can be used for material acceptance or the RPR may perform verification testing. The reports shall not be interpreted as a basis for payment. The Contractor shall notify the RPR upon arrival of a shipment of materials to the site. All material shall arrive in sealed containers that are easily quantifiable for inspection by the RPR.

620-2.2 Marking materials.

Table 1. Marking Materials

Paint ¹				Glass Beads ²	
Type	Color	Fed Std. 595 Number	Application Rate Maximum	Type	Application Rate Minimum
1	White	37925	115 ft ² /gal	III	10 lb/gal
1	Red	31136	“	I	8 lb/gal
1	Yellow	33538 or 33655	“	III	10 lb/gal
1	Black	37038	200 ft ² /gal		0

a. Paint. Paint shall be [waterborne] in accordance with the requirements of this paragraph. Paint colors shall comply with Federal Standard No. 595. Paint shall meet the requirements of Federal Specification TT-P-1952F.

b. Reflective media. Glass beads for white and yellow paint shall meet the requirements for Federal Specification TT-B-1325D [**Type III**, Gradation A]

Payment will be made under:

Item P-620-1	New Reflective Pavement Marking w/ Type III Beads (Yellow)	Per Square Foot.
Item P-620-2	New Reflective Pavement Marking w/ Type III Beads (White)	Per Square Foot
Item P-620-3	New Reflective Pavement Marking w/ Type I Beads (Red)	Per Square Foot
Item P-620-4	Non-Reflective Pavement Marking (Black)	Per Square Foot

REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to within the text by the basic designation only.

ASTM International (ASTM)

ASTM D476	Standard Classification for Dry Pigmentary Titanium Dioxide Products
ASTM D968	Standard Test Methods for Abrasion Resistance of Organic Coatings by Falling Abrasive
ASTM D1652	Standard Test Method for Epoxy Content of Epoxy Resins
ASTM D2074	Standard Test Method for Total, Primary, Secondary, and Tertiary Amine Values of Fatty Amines by Alternative Indicator Method
ASTM D2240	Standard Test Method for Rubber Property - Durometer Hardness
ASTM D7585	Standard Practice for Evaluating Retroreflective Pavement Markings Using Portable Hand-Operated Instruments
ASTM E303	Standard Test Method for Measuring Surface Frictional Properties Using the British Pendulum Tester
ASTM E1710	Standard Test Method for Measurement of Retroreflective Pavement Marking Materials with CEN-Prescribed Geometry Using a Portable Retroreflectometer
ASTM E2302	Standard Test Method for Measurement of the Luminance Coefficient Under Diffuse Illumination of Pavement Marking Materials Using a Portable Reflectometer
ASTM G154	Standard Practice for Operating Fluorescent Ultraviolet (UV) Lamp Apparatus for Exposure of Nonmetallic Materials

Code of Federal Regulations (CFR)

40 CFR Part 60, Appendix A-7, Method 24	Determination of volatile matter content, water content, density, volume solids, and weight solids of surface coatings
29 CFR Part 1910.1200 Hazard Communication	

Federal Specifications (FED SPEC)

FED SPEC TT-B-1325D	Beads (Glass Spheres) Retro-Reflective
FED SPEC TT-P-1952F	Paint, Traffic and Airfield Marking, Waterborne

5 OPERATIONAL STANDARDS

5.1 Functions. The equipment must perform the following functions:

- a. Provide a means for boarding passengers directly from the terminal boarding area to the aircraft door.
- b. Allow the aircraft end of the PBB to move vertically or horizontally in order to position the floor of the PBB to be equal to the lower lip of the aircraft doorsill, providing a level boarding surface.
- c. Provide a space in the cab for temporary placement of oversized carry-on luggage and other equipment to function as a staging area during aircraft loading/unloading operations.
- d. Provide passenger protection from external weather elements.
- e. Provide passenger protection from ramp fuel spill fires (NFPA 415).

5.2 Movement. Unless mentioned below, there are no maximum velocity or acceleration limits for the PBB when occupied by the control station operator. When the PBB is mated to the aircraft door for passenger loading/unloading operations, the maximum amount of acceptable movement is that which allows the automatic leveling system to function properly, as described below.

- 1) **Maneuvering Operations** The cab shall rotate a minimum of 125 degrees. Rotation shall be at least 90 degrees counterclockwise, and 15 degrees clockwise as measured from the tunnel centerline.
- 2) **Travel length.**
 - a Travel length is defined as the distance the bridge can travel from its fully retracted position to its fully extended position. Minimum retracted positions and maximum extended positions are provided on sheet **SECTION VIEW** in plans. These distances represent the bridge length from center of rotunda to center of cab for parking positions marked on the apron.
 - b Operational Contingency- ~~Each bridge must be able to retract 10' from the minimum length position and extend an additional 10' from the maximum required length for safety and potential aircraft mis-parks.~~
- 3) The cab rotation speed shall be 145 degrees per minute (2.4 degrees per second).
- 4) The cab shall have limits switches and stops to control the rotational extents.
- 5) The rotunda shall be capable of rotating 175 degrees, 85.5 degrees counterclockwise and 87.5 degrees clockwise based on the centerline as perpendicular to the terminal.
- 6) The rotunda shall be equipped with limit switches and physical stops to set swing limits and prevent over-travel. The limits switched and stops shall be located on the rotunda column and stop travel of the PBB when tripped. A keyed maintenance override switch shall be provided in the operator control console.
- 7) Adjustable slope limits shall be placed and set to allow docking with all aircraft in the fleet mix listed above. These limits shall be set to account for aircraft door height movement during loading and unloading.

5.3 Docking Operations. The PBB should be equipped with sensors to safely prevent dangerous contact with the aircraft. Sensors shall provide a visual and audible warning to the operator and allow the operator time to take corrective action.

19 MANUFACTURER/ INSTALLER REQUIREMENTS

- 19.1** Definitions: The roles on the project may overlap, however it is the intent to distinguish the role of the original product manufacturer in the acceptance and certification of the product and install.
- 1) *Contractor*- Contract holder with Owner. May delegate tasks to others, however, he is ultimately responsible for the contract performance, site supervision, site safety, schedule, installation, product functionality, and all other obligations provided herein.
 - 2) *Installer*- Responsible for installation.
 - 3) *Manufacturer*- Bridge company that designed and shop fabricated the bridge and systems.
- 19.2** All construction installation ~~and refurbishment methods~~ must be coordinated with the bridge manufacturer for their review and written approval.
- 19.3** The contractor must test all of the equipment installed under this specification and demonstrate its proper operation to the purchaser. The contractor must furnish all required labor, testing, instruments and devices required for the conduct of such tests.
- 19.4** Contractor shall inspect and perform verification of the site with the manufacturer and Engineer to ensure compatibility, prior to ordering fabrication of the PBB.
- 19.5** ~~Design of foundations needed to support the rotunda of the PBB shall be the responsibility of the contractor. All calculations and design shall be signed and sealed by a Professional Engineer licensed in the state of the work to be performed.~~
- 19.6** Methods of attachment to terminals, and surfaces shall be submitted via shop drawings to the Engineer.
- 19.7** No systems or components shall contain asbestos products.
- 19.8** The Manufacturer shall have a minimum of 10 years of experience in design and fabrication of PBB similar in nature to the current project. Additionally the Manufacturer shall provide a 1 year warranty against all defects in material and workmanship under normal use. Signed acceptance of the work shall begin the warranty period.
- 19.9** The installer shall have a minimum of 5 years experience in the installation of comparable boarding bridge, and a valid General Contractors License in the state where the work is to be performed.
- 19.10** The contractor shall have trained personnel on site during delivery and installation of the PBB.
- 19.11** The installer must install all electrical, instrumentation, and mechanical works to the satisfaction of the purchaser, with inspecting authorities having jurisdiction.
- 19.12** The contractor must notify the purchaser in writing of any instances in the specifications that are in conflict with applicable codes. The installer must perform all work in accordance with applicable laws, rules, or regulations.
- 19.13** Deviations from the specifications required for conformance with the applicable codes and/or laws must be corrected immediately, but not until such deviations have been brought to the attention of the purchaser.
- 19.14** Inspections must meet the provisions of SAE ARP1247, paragraph 4.3, and if applicable, the U.S. Access Board Guidelines for Aircraft Boarding Chairs (1987), paragraph 3.3.c.
- 19.15** After the equipment has been installed and the various units have been inspected, adjusted, and placed in correct operating condition, the equipment must be field tested in accordance with the purchasers testing procedures and requirements. The field tests must demonstrate that the equipment functions are in compliance with the specifications over the entire range of operation. The contractor must report any unusual conditions and correct deficiencies of any of the units.

- 2) 14 CFR 382 — Nondiscrimination on the Basis of Disability in Air Travel
- 3) 28 CFR 36 — Nondiscrimination on the Basis of Disability by Public Accommodation and in Commercial Facilities
- o. Building Code (for state which work is to be performed), latest edition
- 2. Material Specifications
 - a. Structural Steel ASTM-A 36
 - b. Structural Steel Shapes ASTM-500
 - c. Steel Pipe ASTM-A53
 - d. Steel Sheet ASTM-A570
 - e. T -1 Steel ASTM-A5 14 & A517
 - f. Hinge Pins ASTM — A311 Grade 1018 & Grade 1144
 - g. Bolts — Standard ASTM-A307
 - h. Bolts — High Strength SEA J429 Grades 5 and 8
 - i. American Welding Society (AWS)
 - j. American Wood Preservers' Association (AWPA)
 - k. International Conference of Building Officials (ICBO)
 - l. National Association of Architectural Metal Manufacturers (NAAMM)
 - m. Steel Door Institute (SDI)
 - n. American National Standards Institute (ANSI)

22 Certification. The PBB must be designed and constructed in accordance with NFPA 415 and local fire code regulations, as applicable. All fire system wiring and components must be compatible with the designated airport electrical system. The manufacturer must submit compliance certificates showing that electrical and mechanical work is in accordance with NFPA 415 and UL standards.

23 Method Of Measurement. Measurement for the passenger boarding bridge shall be measured as the delivery, installation, and placement in operational status of each of the payment items listed below.

24 Basis of Payment. Payment for passenger boarding bridge will be made at the contract unit price per lump sum, which shall include all materials, tools, equipment, labor and incidentals necessary to complete the work."

Payment will be made under:

Item 14950-1

Furnish And Install Apron Drive Passenger Boarding Bridge At Gate "B2". Capable of 66' retracted and 99' extended. Price Includes All Materials, Equipment Including CE CAB Floor, Rotunda Column and Labor for a Fully Functional Bridge, Sub-Contractor Field Work. **– Per Lump Sum**

Item 14950-2

Furnish And Install Apron Drive Passenger Boarding Bridge At Gates "A2". Capable of 86' retracted and 120' extended. Price Includes All Materials, Equipment Including CE CAB Floor, Rotunda Column and Labor for a Fully Functional Bridge, Sub-Contractor Field Work. **– Per Lump Sum**

Item 14950-3

Furnish And Install Apron Drive Passenger Boarding Bridge At Gates "A1". Capable of 76' retracted and 108' extended. Price Includes All Materials, Equipment Including CE CAB Floor, Rotunda Column and Labor for a Fully Functional Bridge, Sub-Contractor Field Work.

– Per Lump Sum

Item 14950-4

Furnish And Install Apron Drive Passenger Boarding Bridge At Gates "A4". Capable of 56' retracted and 99' extended. Price Includes All Materials, Equipment Including CE CAB Floor, Rotunda Column and Labor for a Fully Functional Bridge, Sub-Contractor Field Work.

– Per Lump Sum

Item 14950-5

Furnish And Install Apron Drive Passenger Boarding Bridge At Gate "A3". Capable of 81' retracted and 99' extended. Price Includes All Materials, Equipment Including CE CAB Floor, Rotunda Column and Labor for a Fully Functional Bridge, Sub-Contractor Field Work.

- Per LUMP SUM

Item 14950-6

Furnish And Install Apron Drive Passenger Boarding Bridge At Gates "B1". Capable of 81' retracted and 99' extended. Price Includes All Materials, Equipment Including CE CAB Floor, Rotunda Column and Labor for a Fully Functional Bridge, Sub-Contractor Field Work.

-Per Lump Sum

Item 14950-7

New Bridge Roof Mounted Back-Lit 3 Sided Sign At Gates "A1, A2 & B2"

–Per Each

Item 14950-8

Electrical Improvements per E-Sheets (for three new bridges)

– Per Each

Item 14950-9

90 KVA 28 VDC/400 HZ Ground Power Unit for New Bridge

– Per Each

Item 14950-10

40-Ton Pre-Conditioned Air Unit for New Bridge

– Per Each

Item 14950-11

Baggage Conveyor System for New Bridge

– Per Each

Item 14950-12

Hurricane Tie Downs (Two for Each Bridge)- 6 Pairs

– Per Each

Item 14950-13

Demolition Of Gates "A1,A2 and B2" Passenger Boarding Bridges, Including Rotunda.

– Per Lump Sum

Item 14950-14

Demolition Of Gate "A4 " Passenger Boarding Bridges, Including Rotunda.

– Per Lump Sum

Item 14950-15

Demolition Of Gate "A3 " Passenger Boarding Bridges, Including Rotunda.

– Per Lump Sum

Item 14950-16

Demolition Of Gate "B1 " Passenger Boarding Bridges, Including Rotunda.

– Per Lump Sum

END OF SECTION 14950

PRE-BID CONFERENCE MINUTES

PASSENGER BOARDING BRIDGES REPLACEMENT

CITY OF BATON ROUGE AND PARISH OF EAST BATON ROUGE
Baton Rouge Metropolitan Airport, (KBTR)
East Baton Rouge Parish, Louisiana
January 30, 2023



1. INTRODUCTION:

Project Meeting **Passenger Boarding Bridges Replacement - Pre-Bid Conference**
Non-Mandatory for bidders
Meeting Location: *Baton Rouge Metro Airport Terminal Building Conference Room (1st floor)*
Date / Time: *January 30, 2023 (10:00 a.m. CST)*

2. ATTENDEE INTRODUCTION: **See attendance roster at end**

3. CONTACT INFORMATION:

3.1. **Owner**

- **Baton Rouge Metropolitan Airport**
 - Mike Edwards (Executive Director) medwards@brla.gov (255) 355-0333
 - Craig Alfred (Operations Manager) calford@brla.gov (225) 355-0333
 - David Gordon (Facilities Manager) dgordon@brla.gov (225) 355-0333

3.2. **Project Management Consultant**

- **AMG (Airport Management Group) / DIGITAL**
 - Alan Krouse, P.E. akrouse@brla.gov (225) 358-4240

3.3. **Design Consultant**

- **ICE (Infrastructure Consulting & Engineering, PLLC.)**
 - Doug Hambrecht, P.E. (Engineer) Doug.hambrecht@ice-eng.com (850) 510-5525
 - Jeff Sumner, P.E. (Project Manager) jeff.sumner@ice-eng.com (225) 505-0216
 - Michael Hixson, P.E. (Vice-President) michael.hixson@ice-eng.com (225) 572-9855

4. OVERVIEW:

4.1. **Scope of Work**

This project consists of the replacement of Six (6) Passenger Boarding Bridges with apron drive boarding bridges. The required minimum lengths for telescoping are indicated on the plans. Each bridge will be capable of vertical and horizontal travel. The rotunda shall have new connections to terminal doorway and face of building. Rotunda column foundations may be re-used. Ground power (28VDC and 400hz) and preconditioned air are required for the aircraft. The maneuverable tunnel sections shall be supplied with air conditioning capable of cooling all tunnel lengths for a typical summer

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day. A mechanical conveyor method of moving late bags and wheelchairs up and down the exterior of the bridge to the cab service door and landing shall be included. The contractor shall provide the structural, electrical, and mechanical design for all components of the project.

4.2. BIDS:

- **BASE BID:**

Consisting of 3 (three) Passenger Boarding Bridges, Electrical, and Pavement Markings.

Duration: **270 Calendar Days**

Engineers Estimate Cost of Construction: \$4,347,143.00

- **ADDITIVE BID NO. 1**

Consisting of 3 (three) additional Passenger Boarding Bridges.

Duration: **90 Calendar Days**

Engineers Estimate Cost of Construction: \$4,193,568.00

5. BIDDING

5.1. **ADVERTISEMENT DATES:** 01/18/23, 01/25/23. 02/01/23

5.2. **WRITTEN REQUEST(S):** Friday February 10th, 2023 at 5:00 p.m. cst

5.3. **BID DATE:** Monday February 20th, 2023 at 2:00 pm cst

5.4. **BID PACKET**

5.4.1. **COPY OF BID FORMS / PLANS:** Official Bid Documents are available at Central Bidding (www.centralbidding.com). Copies of the Contract Documents may be obtained and examined without charge in the office of the Project Engineer, or as requested for electronic copies via PDF from the Project Engineer by emailing Corky.Pleasant@ice-eng.com.

5.4.2. **BID SUBMITTAL:** Bids shall be received electronically via www.centralbidding.com or on solicitation bid forms furnished by the City of Baton Rouge and Parish East Baton Rouge, and only those bids shall be received by the City-Parish which is submitted by those Contractors in whose names the solicitation bid forms and/or specifications were issued. In no event shall paper solicitation forms be issued later than twenty-four (24) hours prior to the hour and date set for receiving proposals.

5.4.3. **REQUIRED BID PACKET:** Bidders shall include the following documents as part of their Bid submitted: www.bidexpress.com or via hand delivery:

1. Fully executed Bid Form
2. Corporate Resolution
3. 5% - Bid security/Bid Bond (Bidder responsible for compliance with La. R.S. 38:2212)

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5.4.4. ADDITIONAL BID PACKET ITEMS (3 DAYS AFTER): The following documents shall be furnished by the two (2) apparent lowest bidders, no later than three (3) days after the bid opening. The three (3) day period shall not be altered or waived. All other bidders shall be prepared to submit the following documents, if necessary, in accordance with LA. RS. 38:2212 (B)(3)(a). All bidders shall fully complete and submit all bid forms required by statute or by Louisiana Administrative Code to the Purchasing Department. Failure of a bidder to fully complete and submit these forms in accordance with instructions noted above shall result in the bid being declared "non-responsive". These documents shall be received by the City of Baton Rouge and Parish of East Baton Rouge Purchasing Division on the 8th Floor in Room 826 of the City Hall Building.

The forms to be submitted are as follows:

1. DBE Schedule A Contract Participation and DBE Commitment
2. DBE Schedule B Required Participation Questionnaire
3. DBE Certification Letters
4. DBE Schedule C Certification and Documentation of DBE Unavailability
5. Bidders Organization Form
6. Certification of Restrictions on Lobbying
7. Certification of Non-segregated Facilities
8. Certification of Bidder Regarding Equal Employment
9. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion
10. Certification Regarding Foreign Trade Restrictions
11. Buy American Certification
12. Certification of Non-Discrimination
13. Non-Collusion Affidavit
14. Attestation Regarding Past Criminal Convictions
15. E-Verify Affidavit
16. Affidavit

5.5. HOLDING BIDS

Bids shall be firm for a period of **sixty (60) days** from the date of the opening of bids and no bid shall be withdrawn for any reason during this period of time except as allowed per R.S. 38:2214.C.

5.6. PROJECT FUNDING:

Bidders should be aware that award of this contract is contingent upon receipt of a grant or grants from the Federal Aviation Administration (FAA) and the State of Louisiana Department of Transportation and Development - Office of Aviation (DOTD), along with the securing of other required approvals. Project numbers will be assigned upon approval by the FAA.

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- 5.7. **LICENSE REQUIREMENT:** Highway, Street, and Bridge Construction
- 5.8. **SUBLETTING:** Lead to perform at least 40% of cost of work
- 5.9. **DBE GOALS:** 12%
- 5.10. **LIQUIDATED DAMAGES:** \$2,000.00 per calendar day

6. PROJECT REVIEW

6.1. **SAFETY / SECURITY:**

- 6.1.1. **Badges** - Contractor is responsible for obtaining SIDA badges for all employees who need to work inside SIDA line. ID/badge office contact information: Lindsie Seymore telephone: (225) 358-4221 mailing address: 9430 Jackie Cochran drive, suite 300 Baton Rouge, Louisiana 70807 physical address: 9412 Jackie Cochran drive Baton Rouge La, 70807 Security badge information: www.flybtr.com/security/idsecurity-badges-information
- 6.1.2. **Low profile barricades** shall be provided by owner for use, contractor responsible for maintaining and setting in place and ensuring lights operational on all barricades. Barricades to be secure as water filled unit by contractor.
- 6.1.3. **Chain link fence** - Contractor may at his option provide temporary chain link fence around the contractor's staging area. The city assumes no responsibility for the security of equipment, material, or any other elements related to the contractor's operations.
- 6.1.4. **Safety Flags** - The contractor shall prominently display aviation safety flags on all construction equipment at the highest point on each piece of equipment.
- 6.1.5. **CSPP** - For other conditions relating to safety, see construction safety and phasing document (CSPP).

6.2. **DEMOLITION:**

- 6.2.1. Contractor shall remove and take possession of boarding bridge rotunda, boarding bridge, electrical accessories (panels, breakers, disconnects, cables) and all bridge equipment (ground power units, late bag conveyor). Turn over to owner existing air conditioning unit on Gate 2 fixed tunnel, all card readers, security cameras and baggage conveyor form all gates. Any salvage value shall be factored into cost for new bridge.

6.3. **MARKING REMOVAL:**

- 6.3.1. Contractor to clean and prepare existing surface for new marking locations including but not limited to taxiway edge and centerlines from any tire rubber marks, oil spillage, algae's per specifications.

6.4. **ELECTRICAL:**

- 6.4.1. **SCOPE OF WORK** is divided into work for **3 New Passenger Boarding Bridges** at locations (**PBB-A1, PBB-A2, & PBB-B2**) that are included the **Base Bid** and for **3 New Passenger Boarding Bridges** at locations (**PBB-A3, PBB-A4, & PBB-B1**) that are included in the **Alternate Bid**. The work includes the requirement to field verify all the existing passenger boarding Bridges

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feeder circuits and panels prior to any demolition. Contractor shall review these findings with engineer.

- 6.4.2. **WORK INCLUDES - Disconnecting Existing Passenger Boarding Bridge Power Circuits and Providing New Power Circuits To New Bridges** As Described In These Drawings And Specifications. The electrical circuits are designed to a maximum of the following

Connected full load amps (FLA):

- A. Passenger boarding bridge / jetway = 40 amps
- B. Passenger boarding bridge / gpu = 100 amps
- C. Passenger boarding bridge / pca = 130 amps

Any greater load shall require review and approval of engineer and owner

- 6.4.3. The **Majority Of The Scope Of This Work Is Within The Airport AOA**, and as such, the Contractor shall be RESPONSIBLE FOR SECURITY and FOD CONTROL. The worksite shall be Cleaned daily and material secured as required by contract documents. The disconnection of the existing electrical circuits shall include removal of existing Feeder wiring, upgrading existing feeder breaker including any panelboard breaker Mounting hardware or supports.
- 6.4.4. The **Disconnection Of The Existing Data / Com Wiring** shall be removed from the existing Raceways back to the data / com wiring source. Provide pullwire from existing junction Box on wall of building back to wiring source for data / com. Future data / com wiring will Be by others.
- 6.4.5. The **Existing PBB Connection Points At The Building** have junction boxes at each location as Indicated on the drawings. All electrical circuits at each junction box shall be field Verified to ensure proper circuits are being identified.
- 6.4.6. The **Existing Potable Water Station At PBB-B2** will be required to be served with a new Source of 120 volt power. Provide new circuit to equipment and provide label indication Panel and circuit.

6.5. **REVIEW OF PROJECT BID ITEMS:** See Project Specifications

7. QUESTIONS

- 7.1. Owner – Request to change single additive bid to three (3) in order to address PBB No. A4, A3, and B1 as Additive Bid No. 1, 2, and 3 in that order.
- 7.1.1. ICE – Shall execute change in Addendum No. 2
- 7.2. Owner - Question on distinction between Base Bid and Additive Bids – Alan Krouse
- 7.2.1. ICE - Refer to Sht. C3.0 for clarity on bid. (Colored based upon Bid)
- 7.3. ICE - In specification 14950 the additional 10' has already been included in the lengths being requested for the passenger boarding bridges.
- 7.4. ICE - Site Visit Conducted – Owner, Hendricks, and ABC.

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8. ATTENDANCE ROSTER

Pre-Bid Attendees (In person and Remote via MS Teams Mtg)

a. Baton Rouge Metropolitan Airport

- i. Craig Alfred (Operations Manager) calford@brla.gov (225) 355-0333
- ii. David Gordon (Facilities Manager) dgordon@brla.gov (225) 355-0333
- iii. Jerry Weber jwebber@brla.gov (225) (225) 355-0333

b. AMG (Airport Management Group) / DIGITAL

- i. Alan Krouse, P.E. akrouse@brla.gov (225) 358-4240

c. ICE (Infrastructure Consulting & Engineering, PLLC.)

- i. Doug Hambrecht, P.E. (Engineer) Doug.hambrecht@ice-eng.com (850) 510-5525
- ii. Hamed Jafarian, P.E. hamed.jafarian@ice-eng.com
- iii. Jeff Sumner, P.E. jeff.sumner@ice-eng.com (225) 505-0216
- iv. Michael Hixson michael.hixson@ice-eng.com
- v. Wejee J. Lechtenberg Jr. P.E. (Electrical Engineer) (337) 474-3647

d. Hendricks Construction

- i. Justin Hendricks Justin@hcladevelopment.com (225) 752-5666

e. ABC

- i. James Breland james@airportbridge.com (985) 542-1705

f. TK Elevator

- i. Anthony Torres anthony.torres@tkelevator.com
- ii. Torres, Manuel manuel.torres@tkelevator.com
- iii. Flores, Izac izac.flores@tkelevator.com
- iv. Karen Waller karen.waller@tkelevator.com

g. DABICO A-Bridge LLC

- i. Jason Summers jsummers@a-bridgellc.com
- ii. Jeff Lotshaw mrichards@a-bridgellc.com

h. DABICO Airport Solutions

- i. Patricia Cabarcos patricia.cabarcos@dabico.com

A. REQUEST FOR INFORMATION

Questions by JBT | AeroTech

1. Please provide an AutoCAD drawing(s) that shows the terminal building, the rotunda positions, and the aircraft lead-in line positions relative to each other.

A: Provided

2. Please confirm which website for electronic bidding.

"Advertisement: Official Bid Documents are available at Central Bidding (www.centralbidding.com). Electronic Bids may be submitted at Central Bidding (www.centralbidding.com)."

Or "PBB Spec Package- page 5: Electronic bids and electronic bid bonds for the solicitation will be downloaded by the City of Baton Rouge and Parish of East Baton Rouge, Purchasing Division. Electronic bids and electronic bid bonds must be submitted through www.bidexpress.com prior to the bidding deadline."

A: www.centralbidding.com - This has been addressed in Addendum No. 2

3. If we are submitting an electronic bid (and not submitting an electronic bid bond), does the original hard copy bid bond need to deliver prior to the bid closing?

A: We would assume that would be required so that the 5% bid bond is on hand at the time of bid opening.

4. GPU's – The spec calls for a hoist. Do you want a hoist for both the 400hz and 28v cables or one hoist for the 400hz and a cable rack for the 28v cable?

A: Hoist for both

5. 13.4.12. The spec calls for a combined PC Air and JTP control station. Do they have to all be in one common box or can there be two boxes mounted on a common panel?

A: Can be two boxes on a common panel

6. 13.4.13. the spec calls for a metal nameplate, riveted to the unit for the ratings. We use a lexan adhesive label instead. The lexan label is highly durable and has been used for more than 30 years in all-weather environments. It has been accepted by ETL and has the approved UL/ETL mark on the label. Can we use our standard label?

A: yes

7. Please confirm when this project will start? Do we plan for a 2023 or 2024 build and install?

A: It is the City's intent to begin work immediately

8. Please verify if electricians, stripers, and foundation subcontractors are required to have a contractor's license, if the Prime carries the Contractor's license. If Subcontractors are required to be licensed, would specialty license like #71915 be acceptable? Or would you accept reciprocity with other states like Florida?

A: All subcontractor's should be licensed in their respective trades to ensure qualifications for the work they are performing. Specialty subcontractors such as electricians shall be licensed in the state of Louisiana to perform the work. Other licenses can be reciprocal such as demolition and marking. Installation can fall under the prime contractor/ supplier as long as they are registered to work in the state of Louisiana.

9. After reviewing the bid documents and drawings we noticed that Potable Water Cabinets (PWC's) were not in the scope of work. However, the drawings show existing PWC at some gates. Please confirm if there are any new PWC's required, or if we are to leave the existing PWC's in place.

A: No new required.

10. "ELIGIBILITY OF DBEs: The Baton Rouge Metropolitan Airport utilizes the Louisiana Unified Certification Program (LA UCP) for DBE certifications. LA UCP uses the certification standards of Subpart D of 49 CFR Part 26 and the certification procedures of Subpart E of 49 CFR Part 26 to determine the eligibility of firms to participate as DBEs. Only DBE firms certified under LA UCP at the time the Qualification Statement or Proposal is submitted will count toward this DBE goal. The Baton Rouge Metropolitan Airport utilizes the

Louisiana Unified Certification Program (LA UCP) for DBE certifications. LA UCP uses the certification standards of Subpart D of 49 CFR Part 26 and the certification procedures of Subpart E of 49 CFR Part 26 to determine the eligibility of firms to participate as DBEs. Only DBE firms certified under any of the three previously-mentioned programs LA UCP at the time the Qualification Statement or Proposal is submitted will count toward this DBE goal. No self-certification small business programs will be accepted.”

We have searched the directory referenced in the specs – the State of Louisiana Unified Certification Program website and all the trades that we have reviewed have been identified as MBEs and White Women Owned, not DBE. Do MBE and White Women Owned businesses count toward the DBE requirement? If not how can we do our Good Faith Effort by only reaching out to companies that do not qualify towards the goal?

A: Yes, MBEs and White Women Owned business count toward the DBE requirement.

11. Due to the difficulty in determining whether the foundations will support larger boarding bridge models, please consider replacing all gates like-for-like or at least only one bridge model larger than the existing bridge model. In this case, nothing larger than a A3 60/119 125R.

A: Yes, all PBB bridges will utilize like for like or one model larger as shown in the table below:

Gate	Existing PBB Model	Future PBB Model
A1A	A3 60/119	Same or equivalent
A3	A3 58/110	A3 60/119
A4A	A3 58/110	Same or equivalent
A4B	This gate uses same PBB as A4A	
A2	A3 58/110	A3 60/119
B1	A3 58/110	Same or equivalent
B2	A3 58/110	Same or equivalent
	A3 58/110 or equivalent	
	A3 60/119 or equivalent	

12. Item C-100 – Contractor Quality Control Program (CQCP)

3.a CQCP Program Administrator must be full-time on-site employee of the contractor or consultant by the contractor, or a consultant engaged by the Contractor. The CQCP must have a minimum of five (5) years of experience in QC construction with prior CQ experience on a project of comparable size and scope as the contract. Please confirm if we can fulfill this position using our onsite supervisor who also meets these requirements.

A: Yes

13. **Summary Scope of Work** – Existing bridge foundation and anchor bolt design shall be checked by the contractor’s structural engineer licensed in the State of Louisiana to be suitable and have sufficient design strength for all new passenger boarding bridges. Per question 11 above, the difficulty of finding an engineer willing to certify the foundations, and the cost & time required to do so, please consider whether this can be avoided if we are replacing with like-for-like or nothing larger than the A3 60/119 125R.

A: Disregard this requirement. Delete paragraph 19.5 of specification 14950. Delete the following sentence “Existing PBB’s foundation and anchor bolt design shall be checked by the contractor’s structural engineer licensed in the State of Louisiana to be suitable and have sufficient design strength for all New Passenger Boarding Bridges” from specification 01010 Part 1. Delete the following sentence from Specification 01010 Section 1.2 “Existing PBB’s foundation and anchor bolt design shall be checked by the contractor’s structural engineer licensed in the State of Louisiana to be suitable for all New Passenger Boarding Bridges.”

14. All Respondents or Proposers shall make good faith efforts, as defined in Appendix A of 49 CFR Part 26, to achieve a minimum DBE goal of 42% of the total value of the contract. Is the total contract value to include base bid plus the alternative bids? Or just the base bid amount?

A: DBE Goal is 18 %

A. Base plus additive

15. PBB Specification - 17. Interior Finishes

g. Rubber matting for the flooring of tunnel sections shall meet Class 1 rating as per NFPA 415 1) Mat shall be high durable, commercial grade. Contractor shall provide color/pattern samples to owner for selection.

j. Carpet shall be installed in tunnel as glued panels. Color selection to be made by owner.

Please confirm if rubber matting or carpet is to be supplied and installed in the tunnel sections of the passenger boarding bridge. If rubber flooring is preferred, please specify manufacturer and type as there is a wide range of rubber flooring available.

A: Provide rubber flooring in the cab. Carpet in the tunnel and bubble. Submit samples for approval

16. Drawing C4.1

Note 2 – Demolition- Remove boarding bridge rotunda, boarding bridge, electrical accessories (panels, breakers, disconnects, cables) and all bridge equipment (ground power units, late baggage conveyor). ~~Turn Over to Owner existing air conditioning unit on Gate 2 fixed tunnel, all card readers, security cameras and baggage conveyors from all gates. Please confirm if baggage conveyors are to be demolished or turned over to Owner.~~

A: Note 2. Delete the second sentence of note 2 on sheet C4.1. No items are turned over to owner for salvage.

~~**Note 3:** Remove full depth anchor bolts and bollards and patch hole with non shrink grout. Where removal is not possible, grind flush with apron pavement. Our understanding is that we are to re-use the existing foundations, so please confirm if this requirement is only required for the bollards.~~

A: Delete Note 3 on sheet C4.1 in it's entirety.

17. There are some design differences between PBB manufacturers and that some items such as the hurricane tie-down anchor positions and the CRJ series aircraft stop-bar positions may need to be defined and/or adjusted based upon the PBB manufacturer's specific design requirements. Hurricane anchor tie-down positions must consider the specific bridge model and any possible obstructions on the apron. The JBT-Jetway regional jet floor option requires the CRJ series aircraft to be positioned such that the PBB cab floor centerline is positions 2.62 feet behind the aircraft door centerline. This position places the center of the door on the CRJ series aircraft directly in front of the PBB operator's console. The CRJ series aircraft stop-bar positions would need to be placed to keep the aircraft door position(s) within the PBB's operational range of travel. Please allow the manufacturers to revise/relocate the park positions and hurricane anchors per the best possible locations as determined by their PBB design.

A: The owner will allow revisions to the stop positions assuming the design still adheres to the fleet mix, provides safe clearances between aircraft, and does not exceed ADA slopes. Subject to owner and engineer approval.

18. Per question 11 above, if you consider moving the aircraft at Gate A2 to keep the aircraft within the range of an A3-60/119 bridge model, it will require some revisions to your drawings.

A: Submit for review and approval.

19. In looking at your drawings, the drawing identified as C6.3, lists the Gate A3 aircraft stop-bar positions for the "E35 E45 CR2 CR7 CR9" stating the final stop-bar position is to be located 18.50' from the first stop-bar position. This stop-bar position appears to require a PBB length of approximately 101+ feet but the drawing identified as C1.2 lists the Gate A3 "MAX. (FT)* as 99 feet. This issue should be reviewed and either the aircraft positions for the "E35 E45 CR2 CR7 CR9" are left on the 10.25' stop-bar position or the PBB's "MAX. (FT) length would need to be increased.

A: Due to the foundation limitations, the A3/64/131 PBB will not be utilized at Gate A3. For this reason, the stop bar for these models was relocated to 10.25' behind the first stop bar. The revised drawings and slope analysis spreadsheets will reflect these changes.

Questions by Twist Aer

Technical Specifications – Passenger Boarding Bridges

12.2.A

The PCA System is listed as 40 nominal tons, and unit shall be capable of cooling all the aircraft listed in section 3.1.

Question 1: Can you please provide the aircraft list mentioned to be in section 3.1.

A: The list mistakenly references 3.1. It is found in 2.1

Question 2: Can you please confirm the power available for new PCA at each gate.

A: Note 2. Sheet E-101, detail 2- SCOPE OF WORK, item #4C = 130AMPS.

Question 3: To the best of our knowledge and belief, a 40 Ton nominal PCA is not offered in the market. Would the airport allow a 45 ton, minimum, instead?

A: Yes

Drawing Sheet Number C6.3

Question 1: Please confirm PCA at gate A3 will need to be sized to service a B767-300 or a B757-300.

A: Omit the requirement for the 757 and 767 aircraft.

Question 2: A PCA that will service a B757-300 or a B767-300 in Baton Rouge will require 200 AMPS – please confirm this power is available at gates where these aircraft will be parked.

A: See response above

142-4.4 REMOVAL OF DEPOSITS. Sand, water, residue, and other waste material that may be deposited on the pavement as a result of removal operations shall be removed as the work progresses. Obtain the approval of residue removal and disposal method from the Engineer prior to beginning work.

If the sand is contained, would vapor blasting (sand blasting with water) be approved?

Otherwise there are not many options to remove the paint. If not, please advise other options considered.

A: Yes.

Question: Good afternoon Mr. Hambrecht, our planners at JBT have been working on confirming the bridge models against the layout to be certain that we do not provide PBBs any larger than they need to be. ICE has provided quite a bit of important information with the package, however, there is one missing link that they are needing. They are needing the rotunda position in relation to the lead-in line & stop bars. Would you please provide us with the AutoCAD files that would allow them to complete their bridge model review?

A: Cad files will be provided by email

PBB Load Capacity:

4.2 Load Requirements as stated herein shall represent the minimum values. It is the responsibility of the manufacturer to ensure these requirements are met under all adverse conditions to include the highest stresses and strains while in operation, and account for additional effects of movement and other dynamic conditions in the least favorable position.

A. Load Capacity for a single person shall be 700lbs based upon a 350lb person with a mobility aid

weighing up to 350lbs.

B. Load Bearing Surfaces shall be designed with an average live load of 40lb/sf and be capable of supporting at least 70 people.

C. Additional maximum load requirements shall be found in:

- 1) American Institute of Steel Construction (AISC) "Steel Construction Manual."
- 2) SAE ARP1247, paragraph 3.13.1.1, "Mechanical Design."

D. Wind Loads shall be as follows:

- 1) Up to 90 mph, for 3 second gusts while in use.
- 2) Up to 70 mph, for sustained winds while not tied down.
- 3) Up to 130 mph while retracted and stowed during hurricane conditions. (verify with local code).

Understanding:

For sentence "A" above, it seems "A" is for just a special case which is a heavy person with a wheelchair and can be equivalent to a point load.

For sentence "B" above, the A3-60/119 floor area is 734 sqft. so $734 \text{ sqft} \times 40 \text{ psf} = 29,360 \text{ lbs}$
 $29,360 \text{ lbs} / 70 \text{ people} = 419 \text{ lbs/person}$.

Therefore, 419 lbs/person is the equivalent weight with 40 psf.

It is higher than 350 lbs/person but less than 700 lbs/person

Our bridge is designed for 40 psf weight.

Question:

Please confirm that the "A" sentence, 700lbs, is for only one person not average, and "B" sentence is for 40 psf or 70 people is for average.

A: CONFIRMED BY ICE